RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/544,146_

Source: _IFWP_

Date Processed by STIC: _6/21/06_

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IFWP

RAW SEQUENCE LISTING   DATE: 06/21/2006
PATENT APPLICATION: US/10/544,146   TIME: 10:32:25

Input Set : E:\02-20-04.ST25.txt
Output Set: N:\CRF4\06212006\J544146.raw

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     3 <110> APPLICANT: University of South Florida
     5 <120> TITLE OF INVENTION: Vectors for Regulating Gene Expression
     7 <130> FILE REFERENCE: USF-T193XC1
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/544,146
C--> 9 <141> CURRENT FILING DATE: 2005-08-02
     9 <150> PRIOR APPLICATION NUMBER: 60/319,964
    10 <151> PRIOR FILING DATE: 2003-02-21
    12 <150> PRIOR APPLICATION NUMBER: 60/320,108
    13 <151> PRIOR FILING DATE: 2003-04-15
    15 <160> NUMBER OF SEQ ID NOS: 4
    17 <170> SOFTWARE: PatentIn version 3.2
    19 <210> SEQ ID NO: 1
    20 <211> LENGTH: 63
    21 <212> TYPE: DNA
    22 <213> ORGANISM: Artificial Sequence
    24 <220> FEATURE:
    25 <223> OTHER INFORMATION: oligonucleotide sequence encoding the siRNA targeting the
EGFP
    26        gene (si-GFP)
    28 <400> SEQUENCE: 1
    29 ggcgatgcca cctacggcaa gcttctcgat tcgaagcttg ccgtaggtgg catcgccctt      60
    31 ttt                                                                   63
    34 <210> SEQ ID NO: 2
    35 <211> LENGTH: 62
    36 <212> TYPE: DNA
    37 <213> ORGANISM: Artificial Sequence
    39 <220> FEATURE:
    40 <223> OTHER INFORMATION: oligonucleotide sequence encoding the siRNA targeting the NS1
    41        gene of RSV (RSV si-NS1):
    43 <400> SEQUENCE: 2
    44 ggcagcaatt cattgagtat gcttctcgaa ataagcatac tcaatgaatt gctgcctttt      60
    46 tg                                                                    62
    49 <210> SEQ ID NO: 3
    50 <211> LENGTH: 65
    51 <212> TYPE: DNA
    52 <213> ORGANISM: Artificial Sequence
    54 <220> FEATURE:
    55 <223> OTHER INFORMATION: oligonucleotide sequence encoding the siRNA targeting the PRM
    56        gene of Dengue virus type 2 (DEN-si-PrM)
    58 <400> SEQUENCE: 3
    59 ggaagacata gattgttggt gcactcgagt caacgtgcac caacaatcta tgtcttccct      60
    61 ttttg                                                                 65
    64 <210> SEQ ID NO: 4
    65 <211> LENGTH: 65
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```
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: oligonucleotide sequence encoding the siRNA targeting the 3'
UTR
71        of the PRM gene of Dengue virus type 2 (DEN-si-3'UTR)
73 <400> SEQUENCE: 4
74 ggaaaaacag catattgacg ctgctcgagt caacgcagcg tcaatatgct gttttttcccct    60
76 ttttg                                                             65
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VERIFICATION SUMMARY   DATE: 06/21/2006
PATENT APPLICATION: **US/10/544,146**   TIME: 10:32:26

Input Set : **E:\02-20-04.ST25.txt**
Output Set: **N:\CRF4\06212006\J544146.raw**

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date